

Converting Colors

XYZ(44.3876, 53.6595, 71.5869)

Have a look what the booklet for
XYZ(44.3876, 53.6595, 71.5869)
contains.

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Color

**XYZ(44.3779, 53.5297,
71.6116)**

Conversions

Conversions Part 1

Format	Color
Hex	8BCCD6
RGB	139, 204, 214
RGB Percent	55%, 80%, 84%
CMY	0.4549, 0.2000, 0.1608
CMYK	0.35, 0.05, 0.00, 0.16
HSL	188°, 48%, 69%
HSV	188°, 35%, 84%
XYZ	44.3779, 53.5297, 71.6116
YIQ	185.7050, -41.9500, -10.6700

Conversions

Conversions Part 2

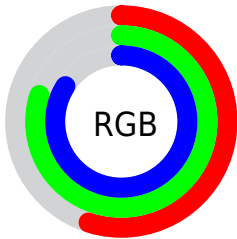
Format	Color
RYB	139, 174, 214
Decimal	9161942
CIELab	78.19, -18.08, -11.54
CIELCh	78, 21.451, 212.539
Yxy	53.5297, 0.2618, 0.3158
Android (android.graphics.Color)	4287352022 (0xFF8BCCD6)
YUV	185.7050, 13.9494, -40.9603
Hunter-Lab	73.1640, -19.7671, -6.8172

Details

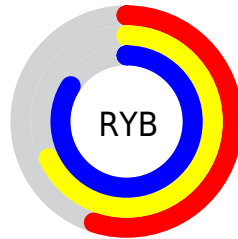
The XYZ color **44.3779, 53.5297, 71.6116** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.1400, 37.6557, 29.4219**, and the grayscale version is **46.4497, 48.8687, 53.2180**.

A 20% lighter version of the original color is **76.3157, 90.3421, 108.0232**, and **20.9107, 26.2472, 36.7650** is the 20% darker color. If you saturate the color by 10%, you get **40.4770, 50.5226, 71.2377**, and if you desaturate by 10%, it is **48.9938, 56.9264, 72.0249**.

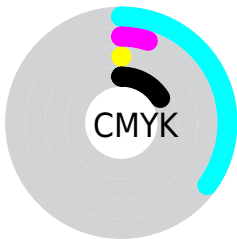
Distribution



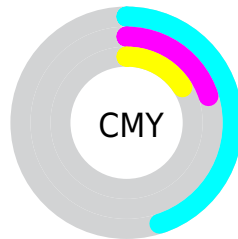
- Red (55%)
- Green (80%)
- Blue (84%)



- Red (55%)
- Yellow (68%)
- Blue (84%)



- Cyan (35%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



- Cyan (45%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.3779, 53.5297, 71.6116 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 44.3779, 53.5297, 71.6116 by changing the saturation by 10% instead.

■ 44.3779, 53.5297,
71.6116

■ 44.3779, 53.5297,
71.6116

355.0744,
400.3141, 485.1297

■ 31.1669, 38.2258,
52.3566

■ 81.0289, 95.3834,
123.2067

■ 20.8784, 26.1580,
36.9052

■ 105.1996,
122.7019, 156.3839

■ 13.1471, 16.9419,
24.8389

■ 133.7543,
154.7941, 195.0389

■ 7.6076, 10.1931,
15.7391

167.0583,
192.0444, 239.5902

■ 3.8946, 5.5271,
9.1874

205.4769,
234.8371, 290.4565

■ 1.6427, 2.5598,
4.7651

249.3756,

■ 0.4200, 0.9065,

283.5567, 348.0561

2.0538

299.1196,
338.5876, 412.8077

■ 0.0000, 0.0000,
0.5881

■ 0.0000, 0.0000,
0.0000

■ 44.3779, 53.5297,
71.6116

■ 44.3779, 53.5297,
71.6116

■ 40.4770, 50.5226,
71.2377

■ 48.9938, 56.9264,
72.0249

■ 37.2453, 47.8775,
70.8975

■ 54.3577, 60.7260,
72.4755

■ 34.6391, 45.5731,
70.5900

■ 60.5061, 64.9487,
72.9665

■ 32.6072, 43.5830,
70.3130

■ 67.4719, 69.6114,
73.4994

■ 31.0907, 41.8765,
70.0635

■ 75.2860, 74.7303,
74.0756

■ 30.0169, 40.4163,
69.8383

■ 79.2660, 77.8915,
74.4760

■ 29.5860, 39.7515,
69.7327

■ 80.0262, 79.4119,
74.7294

■ 80.7992, 80.9580,
74.9871

■ 81.5852, 82.5300,
75.2491

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



43.2393, 53.5297, 59.3140



44.3779, 53.5297, 71.6116



47.2492, 53.5297, 81.2753

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.3779, 53.5297, 71.6116



58.3752, 53.5297, 69.5977



50.5219, 53.5297, 38.1215

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



44.3779, 53.5297, 71.6116



43.1400, 37.6557, 29.4219

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



54.6887, 53.5297, 40.0985



44.3779, 53.5297, 71.6116



59.3680, 53.5297, 57.2675

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



44.3779, 53.5297, 71.6116



55.3407, 53.5297, 80.0048



57.9845, 53.5297, 46.7232



46.6626, 53.5297, 40.9012

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.3779, 53.5297, 71.6116



49.8383, 53.5297, 84.3166



57.9845, 53.5297, 46.7232



51.9328, 53.5297, 38.2519

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



44.3795, 53.5318, 71.6128



84.2915, 92.7002, 108.0580



40.0207, 55.7134, 36.5591



17.7800, 19.6609, 23.1078



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.3795, 53.5318, 71.6128



61.6180, 76.2533, 106.0785



36.7428, 38.2583, 69.0673



12.6444, 13.8123, 15.9371



17.9380, 24.1378, 42.1668



1.1220, 1.5360, 2.5566

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



47.8646, 37.1223, 61.7716



67.6500, 48.7428, 88.8450



49.7941, 50.9640, 31.6400



12.8785, 12.6029, 15.3003



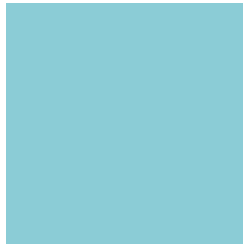
22.1131, 10.7816, 28.9635



1.3540, 0.6584, 1.8534

Previews

White Background



This preview shows how the XYZ color 44.3779, 53.5297, 71.6116 looks on a white background.

Color Contrast Check

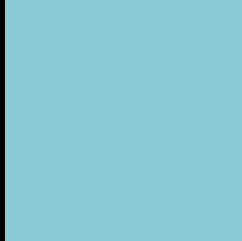
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 44.3779, 53.5297, 71.6116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

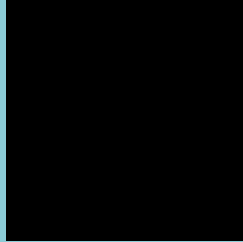
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.3779, 53.5297, 71.6116

Background



This preview shows how black text looks on a background with the XYZ color 44.3779, 53.5297, 71.6116.

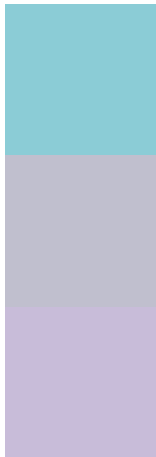


This preview shows how white text looks on a background with the XYZ color 44.3779, 53.5297,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

44.3779, 53.5297, 71.6116

Protanopia

51.5096, 52.9243, 65.8931

Deuteranopia

54.3270, 53.2556, 73.0616



Tritanopia

44.9573, 53.4018, 74.9559

Trichromacy



Original Color

44.3779, 53.5297, 71.6116

Protanomaly

48.4821, 52.9675, 67.9901

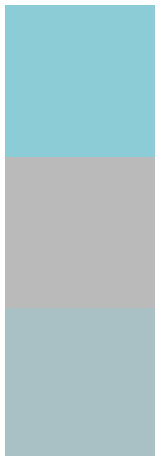
Deuteranomaly

50.0466, 53.0064, 72.5593

Tritanomaly

44.6955, 53.2971, 73.5773

Monochromacy



Original Color

44.3779, 53.5297, 71.6116

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.3960, 50.5605, 59.5911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3779, 53.5297, 71.6116 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(139, 204, 214)` looks like.

```
.text, #text, p{  
    color:rgb(139, 204, 214)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(139, 204, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 204, 214) }
```

Border

The CSS property to change the border of an element to XYZ 44.3779, 53.5297, 71.6116 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 204, 214) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(139, 204, 214) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(139, 204, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 204, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 204, 214);  
box-shadow:4px 4px 4px 4px rgb(139, 204,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3779, 53.5297, 71.6116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 204, 214) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(139,  
204, 214) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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